

PHILIPS

Lighting



Beautiful sparkle, reliable life

MASTERColour CDM-TC

Range of single-ended, very compact, high-efficiency, discharge lamps with a stable color over lifetime and a crisp, sparkling light

Benefits

- Long lamp life compared with incandescent and halogen lamps
- UV-Block quartz outer bulb for reduced fading risks
- Stable color impression over lifetime
- High lamp efficacy results in low operating costs and low heat generation (which enhances comfort for shoppers and staff)

Features

- Crisp white light
- Superior color quality
- Allows very small-size luminaires designs that give high beam intensities

Application

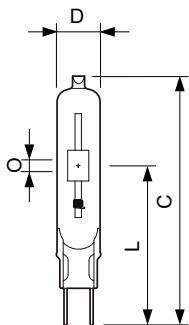
- Accent lighting display lighting with sparkling effect
- General and decorative lighting

Warnings and Safety

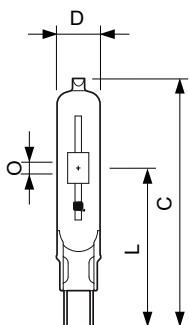
- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- Use only with electronic control gear. 35W/830 lamps may also use electromagnetic gear.
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

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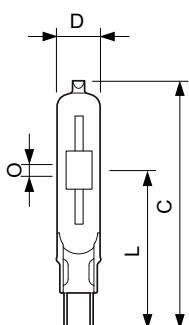
Dimensional drawing



Product	D (max)	D	O	L (min)	L (max)	L	C (max)
MASTERC CDM-TC 35W/830 G8.5 1CT/12	15 mm	0.5 in	5 mm	51 mm	53 mm	52 mm	85 mm
MASTERC CDM-TC 35W/842 G8.5 1CT/12	15 mm	0.5 in	5 mm	51 mm	53 mm	52 mm	85 mm



Product	D (max)	D	O	L (min)	L (max)	L	C (max)
MASTERC CDM-TC 70W/830 G8.5 1CT/12	15 mm	0.5 in	7 mm	51 mm	53 mm	52 mm	85 mm



Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERC CDM-TC 70W/842 G8.5 1CT/12	15 mm	5 mm	51 mm	53 mm	52 mm	85 mm

General Information

Cap base	G8.5
Operating position	UNIVERSAL

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Lamp Finish	Clear
Bulb material	UV-Block Quartz
Bulb shape	T14

Light Technical

MASTERColour CDM-TC

Order Code	Full Product Name	Chromaticity		Colour			Luminous efficacy	
		Coordinate X (Nom)	Coordinate Y (Nom)	Correlated Colour Colour designation	Temperature (Nom)	rendering index (CRI)	(rated) (nom.)	Luminous Flux
928085205125	MASTERC CDM-TC 35W/830 G8.5 1CT/12	0.434	0.398	Warm White (WW)	3000 K	81	79 lm/W	3,100 lm
928086505131	MASTERC CDM-TC 70W/830 G8.5 1CT/12	0.434	0.398	Warm White (WW)	3000 K	83	86 lm/W	6,300 lm
928093805125	MASTERC CDM-TC 35W/842 G8.5 1CT/12	0.371	0.366	Cool White (CW)	4200 K	85	79 lm/W	3,100 lm
928094605131	MASTERC CDM-TC 70W/842 G8.5 1CT/12	0.371	0.366	Cool White (CW)	4200 K	89	79 lm/W	5,800 lm

Operating and Electrical

Order Code	Full Product Name	Voltage	Power	Order Code	Full Product Name	Voltage	Power
		(nom.)	Consumption			(nom.)	Consumption
928085205125	MASTERC CDM-TC 35W/830 G8.5 1CT/12	88 V	39.1 W	928093805125	MASTERC CDM-TC 35W/842 G8.5 1CT/12	85 V	39.1 W
928086505131	MASTERC CDM-TC 70W/830 G8.5 1CT/12	83 V	73.2 W	928094605131	MASTERC CDM-TC 70W/842 G8.5 1CT/12	88 V	73.2 W

Approval and Application

Order Code	Full Product Name	Energy	Mercury	Mercury
		consumption	(Hg) content	(Hg) content
		kWh/1,000 hours	(max.)	(nom.)
928085205125	MASTERC CDM-TC 35W/830 G8.5 1CT/12	40 kWh	3.1 mg	3.1 mg
928086505131	MASTERC CDM-TC 70W/830 G8.5 1CT/12	74 kWh	4.6 mg	4.6 mg
928093805125	MASTERC CDM-TC 35W/842 G8.5 1CT/12	40 kWh	2.7 mg	2.7 mg
928094605131	MASTERC CDM-TC 70W/842 G8.5 1CT/12	74 kWh	7 mg	7 mg

